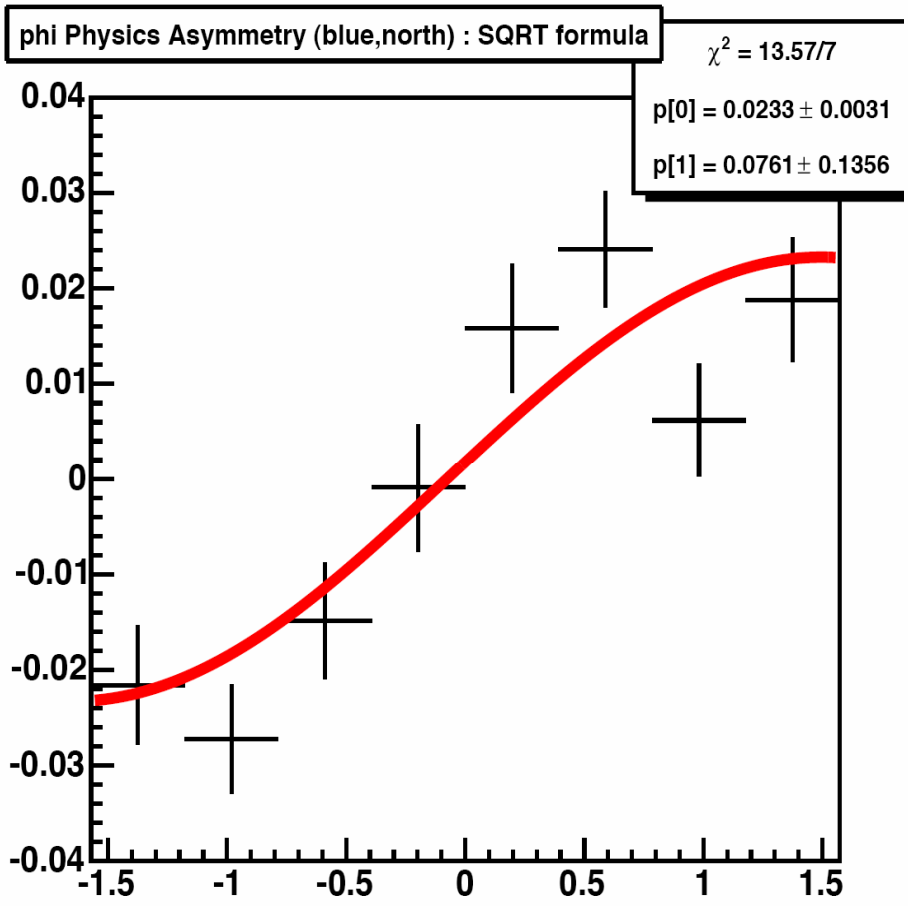
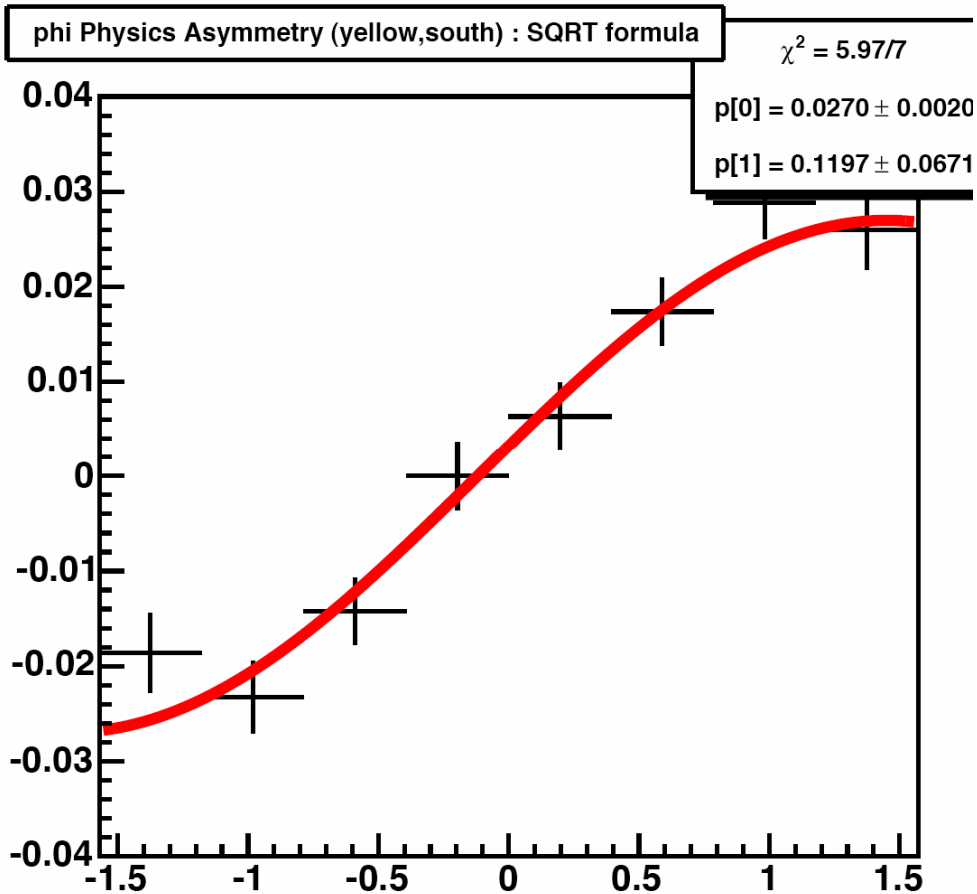
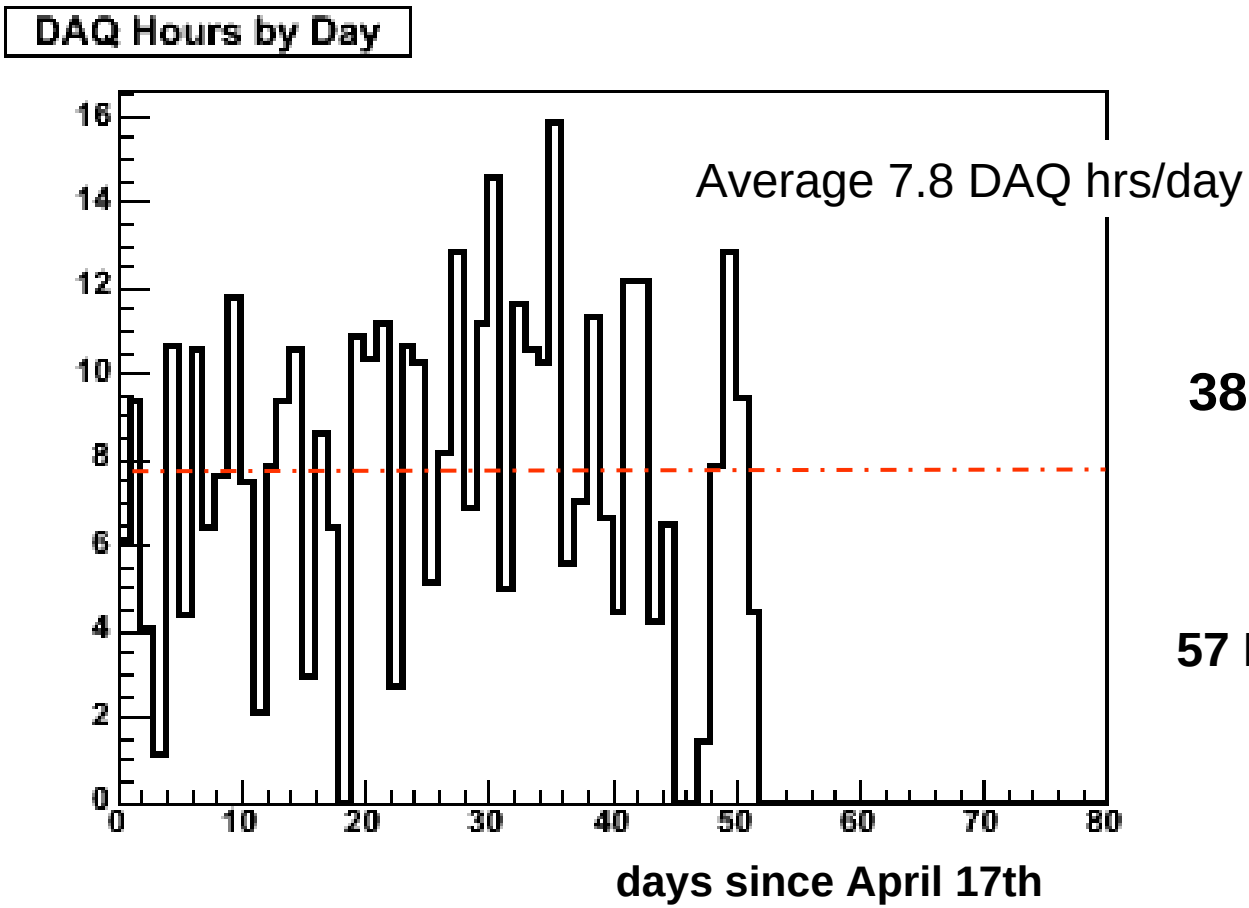
Forward Neutron Asymmetry Persists at 410 GeV





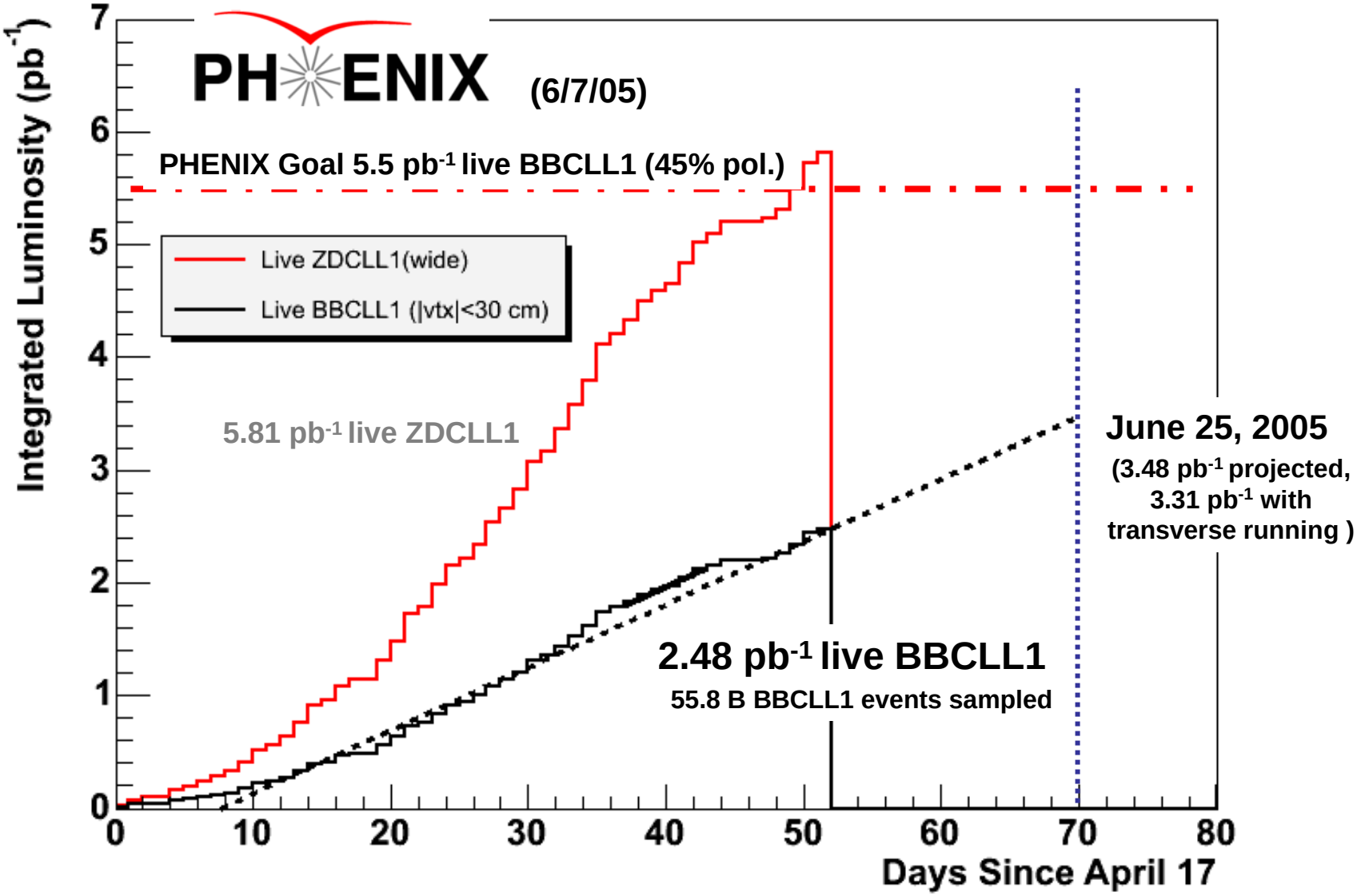
PHENIX DAQ Hours



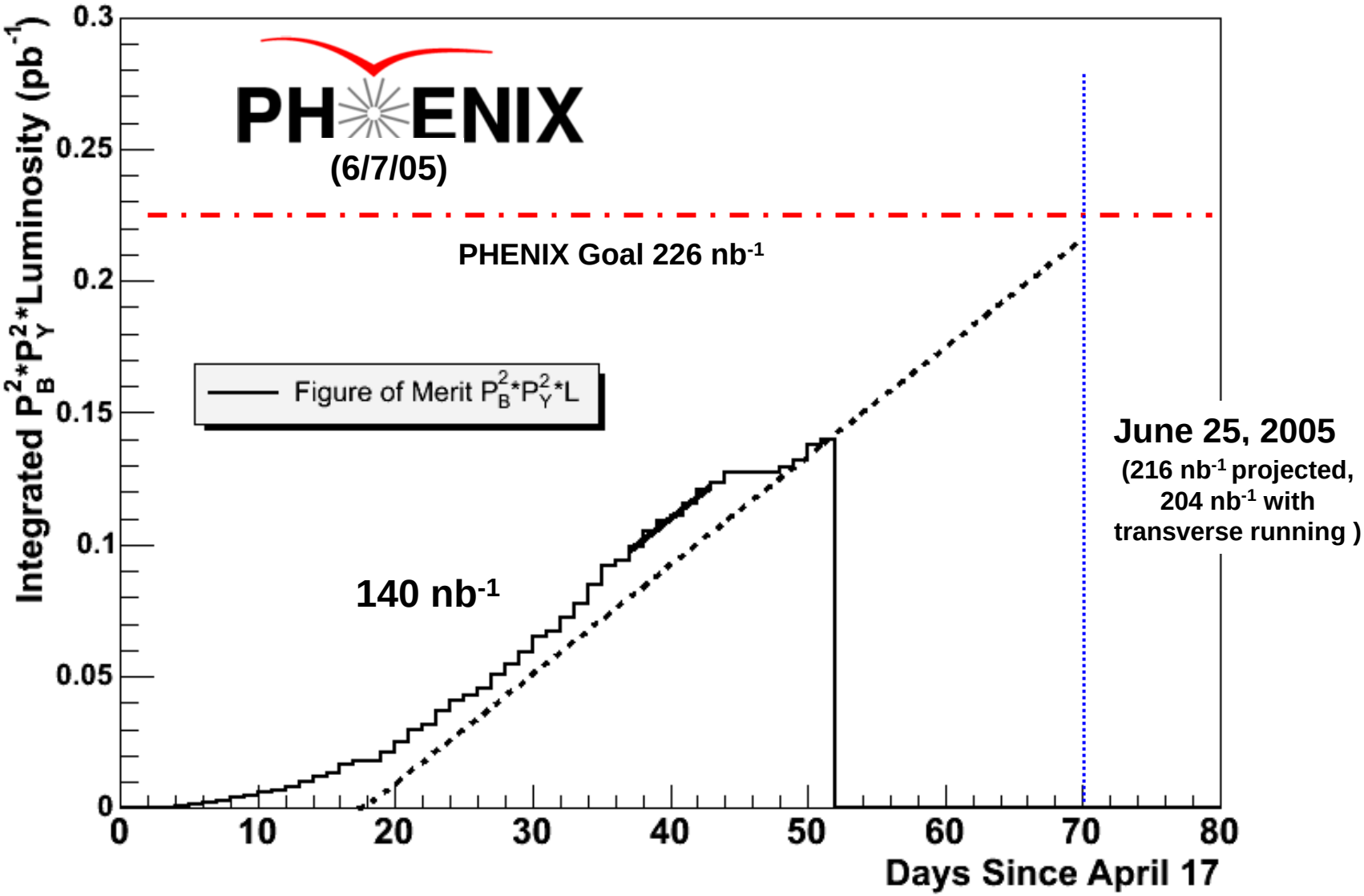
38 DAQ hours in the previous week (6/1 – 6/7)

57 DAQ hours 5/24-5/31

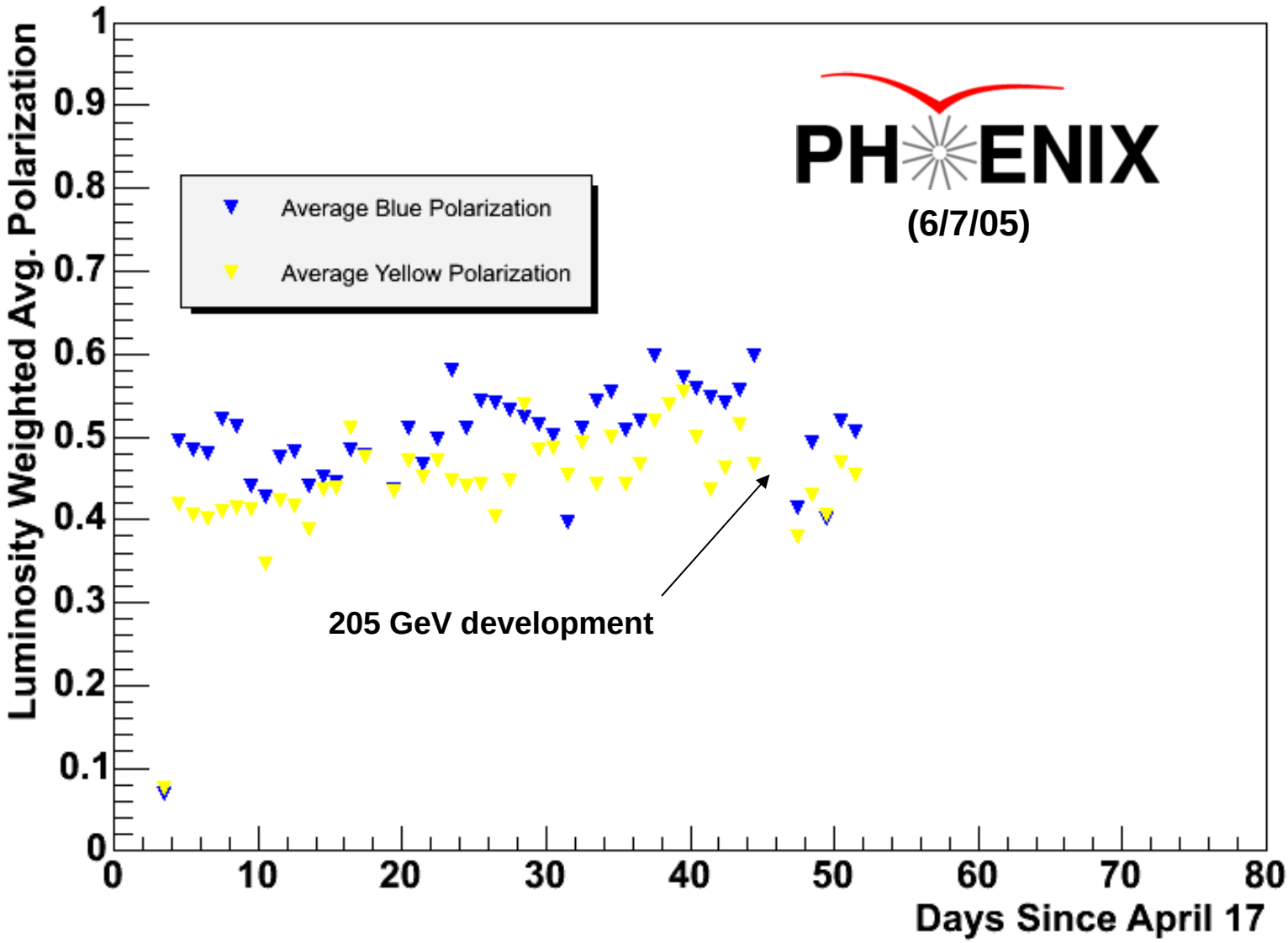
200 GeV pp Integrated Luminosity



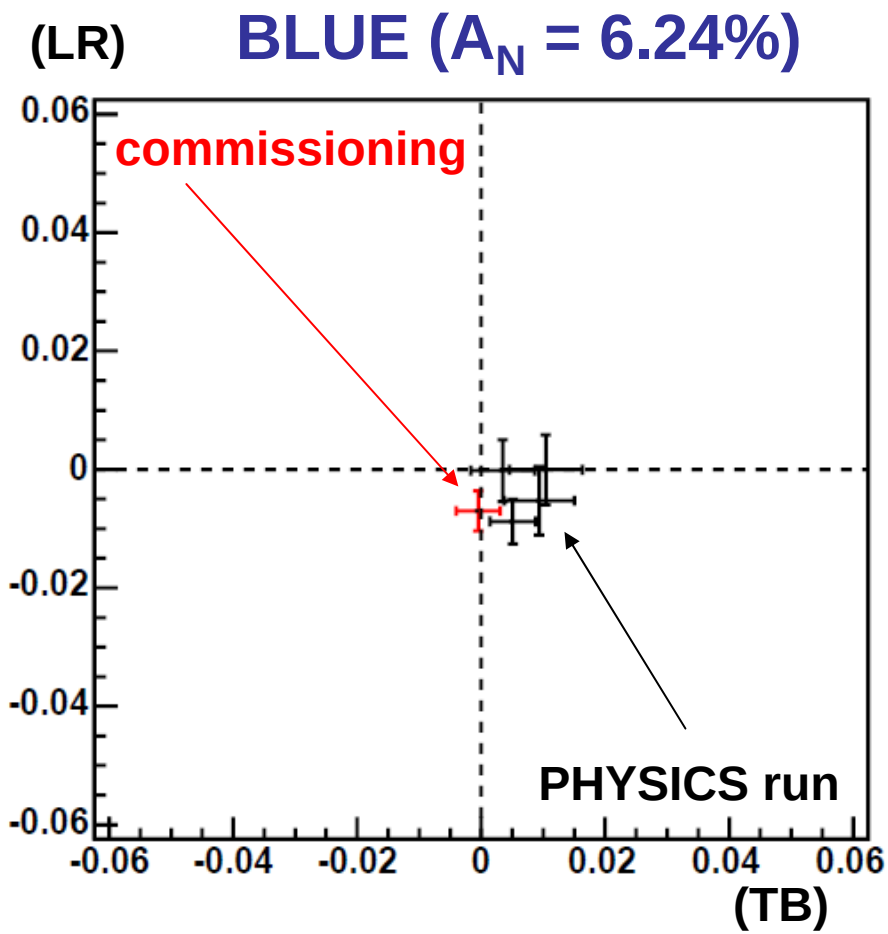
200 GeV pp "Figure of Merit"

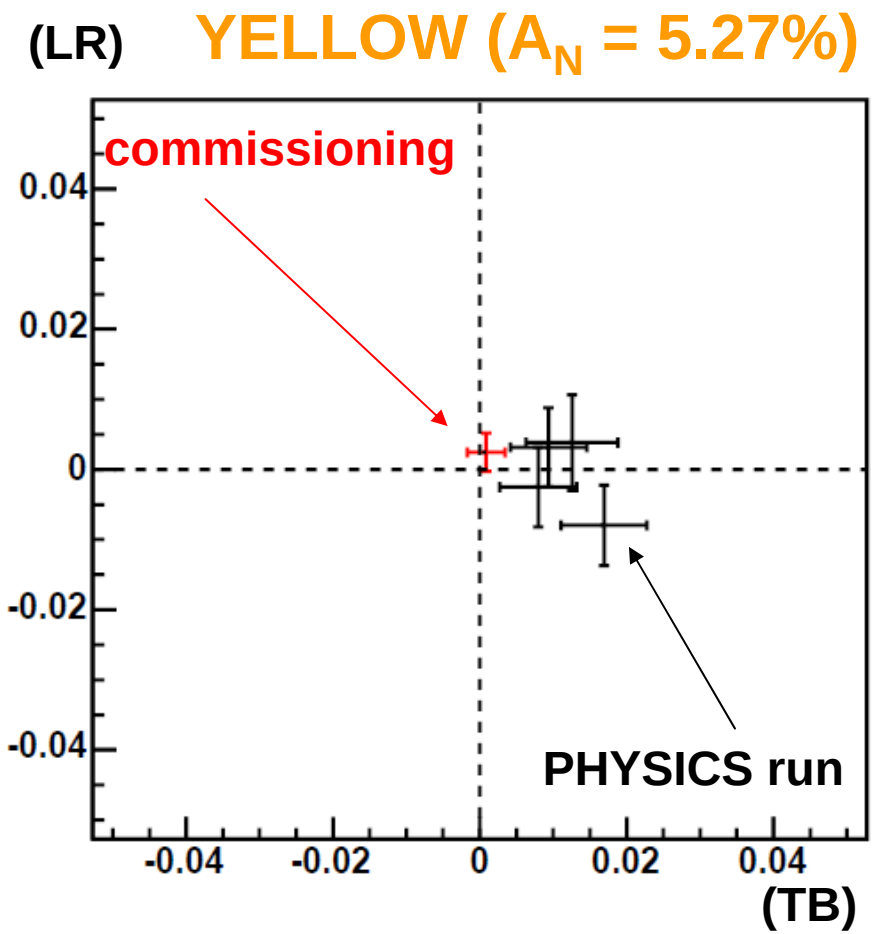


Average Polarization



Transverse component in x-y region.





Transverse component is systematically remaining radial component.
Vertical component seems ~ 0. (SPIN rotator and SNAKE are not changed…)

Plan for Transverse Running

- PHENIX needs ~0.1pb^{-1} sampled transverse luminosity to limit the systematic effect of A_{TT} on the A_{LL} measurement
  - Currently we are integrating luminosity at 0.055nb^{-1} per day
  - Less than three days of running required
  - Polarization can be transverse (vertical), do not require radial!

- Want to limit the effect on longitudinal running!
  - Switch to transverse running for STAR and PHENIX following June 13th beam experiments
  - Run until PHENIX has 0.1pb^{-1} sampled
  - Agreement with STAR to limit running to < 60 hours (morning of June 16th)

Run-6?

- What does PHENIX want for Run-6?
  - The collaboration needs to discuss this in light of new results from both the CuCu and pp portions of Run-5
    - Natural timescale for this is after the summer conferences
  - PHENIX would benefit from a longer shutdown
    - TOF-W installation, HBD engineering run

- Support within PHENIX for a long pp run
  - Strong interest in running with radial polarization to study Sivers effect
    - Ask CAD to keep this in mind while planning for Run-6
  - Strong interest in a pp run at 62.4 GeV
    - Reference dataset for R_{AA} measurements